



**GREENBELT POLICE
DEPARTMENT**

550 Crescent Road
Greenbelt Maryland 20770
(301) 474-7200

To: City manager via Chief Craze *MPM* *JL*

From: Lieutenant Gordon Pracht

Date: 09/20/2016

Re: Red Light Photo Safety Program

Sir,

Administrative staff is constantly monitoring our red light camera program for safety effectiveness and potential needs. This monitoring has resulted in identifying four new red light photo sites at two new intersections that we believe would increase the safety of the motoring public in the City of Greenbelt. The four new intersections considered are:

- 1) East bound Greenbelt Road (193) at Hanover Parkway.
- 2) West bound Greenbelt Road (193) at Hanover Parkway.
- 3) East bound Greenbelt Road (193) at Kenilworth Avenue (201) Southbound ramp.
- 4) West bound Greenbelt Road (193) at Kenilworth Avenue (201) Northbound ramp.

These four (4) intersections comprise two (2) intersections of Greenbelt Road and Hanover Parkway; Greenbelt Road at Kenilworth Avenue as will now be referred.

Staff identified Hanover Parkway at Greenbelt Road as a new potential red light camera safety site based on the number of vehicular crashes occurring at the intersection. It should be noted that this intersection was a previous location identified for a red light safety camera, but when the intersection was reconfigured, the camera was not replaced. Staff requested and received a study by the State Highway Administration to fully evaluate the intersection. The State Highway Administration captured crash events at the intersection for years 2012, 2013 and 2014. The study revealed the number of crashes at the intersection from 2013 to 2014 rose from 07 to 10. The number persons injured in crashes at this location also rose from 3 to 5. While these increases may not be alarming on their face, when compared to 2012 when the number of crashes was 10 and injuries were 12, the

climbing numbers should give pause. One difference to account for the decrease from 2012 to 2013 was the red light safety camera operating at the intersection. The current increase could be attributed to the removal of the camera. Staff does not want to see these numbers continue to rise and risk injury to more citizens and motorists. Therefore, staff supports and recommends the installation of a red light safety camera at this intersection.

Likewise, staff identified Greenbelt Road at Kenilworth Avenue ramps as a new site location for red light safety cameras based on the number of crashes in the area. Staff again requested and received a study by the State Highway Administration to fully evaluate this location. The State Highway Administration study captured crash events for the years 2013, 2014 and 2015. The study revealed the number of crashes at both ramps rose from 17 crashes in 2014 to 29 in 2015. Further, the number of persons injured as a result of these crashes rose from 21 in 2014 to 43 in 2015. Staff does not want to see these numbers continue to rise and risk injury to more citizens and motorists. Therefore, staff supports and recommends the installation of a red light safety camera at this intersection.

Staff awaits your input on proceeding with these two new red light safety program sites.

Please find the attached State Highway Administration studies for both intersections and memo from MPO. Lowndes recommending the new sites as well. Please note that Greenbelt and 201 ramps have two different studies due to the distance between the actual locations as noted on the attached photographs.

Lieutenant Gordon Pracht

A handwritten signature in black ink, appearing to read "Lt. G. Pracht", written in a cursive style.



**GREENBELT POLICE
DEPARTMENT**

550 Crescent Road
Greenbelt Maryland 20770
(301) 474-7200

To: Lt. Pracht

From: MPO Lowndes # 119 (Automated Enforcement Coordinator)

Date: September 12, 2016

Subject: Justification for proposed new red- light camera sites.

Sir,

I recommend these new four red –light camera sites that are listed below, because, in 2015, at the four way intersection MD 193 (Greenbelt Road) at Hanover Parkway the Greenbelt Police Department responded to a total of 40 property damage only motor vehicle accidents and 7 motor vehicle accidents involving personal injury. The Greenbelt Rd(MD 193) east & west bound lanes at the intersection of MD201 (Kenilworth Ave), the Greenbelt Police Department responded to 23 Motor Vehicle accidents involving property damage and 25 Motor Vehicle Accidents involving personal injuries.

As of August 2016 there have been 19 reported property damage motor vehicle accidents and 13 motor vehicle accidents involving personal injuries in the intersection of MD 193 (Greenbelt Road) at Hanover Parkway. The intersection of MD 193 at Kenilworth Ave (MD 201) has been 16 property damage only motor vehicle accidents and 17 motor vehicle accidents involving personal injuries.

As the Automated Enforcement Coordinator, I highly recommend these new four sites to be included in our Red-light program. This will be another tool for the City of Greenbelt to keep drivers and pedestrians safe within the city of Greenbelt.

Direction	Street	Cross Street
South bound	Hanover Parkway	Greenbelt Road / MD 193
West bound	Greenbelt Rd/MD 193	Hanover Parkway
East bound	Greenbelt Rd/MD 193	Kenilworth Ave /MD 201
West bound	Kenilworth Ave /MD 201	Greenbelt Rd/MD 193

Michael McLaughlin

From: Gordon Pracht
Sent: Friday, September 23, 2016 2:07 PM
To: Michael McLaughlin
Subject: Red light installation proposal

Sir,

1. Has SHA been approached on these? A few years ago they seemed reluctant to approving more cameras in SHA right of way. Are they generally supportive?

American Traffic Solutions (ATS) does the foot work on the application process through State Highway. I ran the crash data through ATS to confirm that the numbers support the installation at these intersections and they believe they justify the locations. What State Highway's final answer will be, nobody knows. Generally, if the data supports the camera installation, SHA is supportive, but not a blanket statement.

2. These locations have been looked at in the past but had problematic geometrics. The roadway/intersections were too wide. Has this problem gone away?

Obviously the road design has not changed so that is the same. The difference is the newer technology that now allows for wider camera capture. With the recent upgrades that ATS was already doing, these newer/better cameras would be installed at these suggested sites. Having run these sites by ATS for input as well, they believe they are capable of installing red light safety cameras at these sites that will capture the necessary area.

3. What are the cost factors now with red light cameras? It has been so long, I forget.

The monthly fee for each camera is \$2,450.00 flat fee. \$11.00 per citation is additional in the camera fee. As you are aware we are in the Howard County Group and that contract states if the group goes over 70 cameras total, the fees for each camera are reduced by \$100.00. If all 4 cameras were installed (bringing our total to 10 cameras), we would be looking at a \$9,800.00 increase in our monthly fee, but there is no way to calculate the number of citations the cameras may produce. If these four cameras bring the group over 70 cameras, would could reduce \$1,000.00 a month with the \$100.00 per camera savings.

I hope this fully answers your questions, if not, please let me know.

Gordon

Lt. G. Pracht
Greenbelt Police
(240)542-2139